

# Search for neutron stars in deep optical pointings

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**ABSTRACT:** I am currently searching for deep optical pointings (U,B,V,R,I band, > 1 hour exposure time) from equal regions in different eras and colors in the ESO-Catalogue of the FORS1/2 telescope. My purpose is to find very faint blue objects (> 26 mag) which are moving very fast (> 100 mas/yr) and probably shape up as neutron stars.